EAST SEARCH

3/29/03

L#	Hits	Search String	Databases
L1	2	5,079731.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	2	5,428,555.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	2	5,119,468.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	2	5,097,412.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	2	4,663,704.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	2	4,506,324.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	4252	process control and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	481	process control with simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	86	8 and (distributed with ("process control" or controller or "control system"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	0	10 and ("display module" or "display controller")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	54	10 and display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	53	10 and ("configuration module" or configuration)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L14	55	10 and ("controln module" or controller)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L15	41	10 and ("I/O device" or (input with output with device$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L16	48	10 and ((field with device$1) or (controlled with device$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L17	46	10 and Fieldbus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L18	0	10 and "OPC interface"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L20	1	10 and ("execution rate" or (speed with execution))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L21	1	10 and (execution with interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L22	1	9 and (execution with interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L23	1	9 and ("execution rate" or (speed with execution))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L24	7	8 and ("execution rate" or (speed with execution))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L25	9	8 and (execution with interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L19	4	10 and (OPC with interface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L26	4	9 and (OPC with interface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L27	4	8 and (OPC with interface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L28	9	7 and (OPC with interface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L29	9	7 and (OPC with protocol)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L30	207	process control and OPC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L32	16	31 and "user interface"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L31	47	30 and simulat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L33	55	10 and ("control module" or controller)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L34	53	12 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L35	53	34 and 10	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L36	53	35 and 33	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L37	41	36 and 15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L38	41	37 and 16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L39	37	38 and 17	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

L10	55	9 and "user interface"
L40	113	8 and "user interface"

L1	475	Fieldbus protocol or "Fieldbus Foundation" or Fieldbus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	99	Fieldbus protocol	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	58	2 and (distributed with ("process control" or controller or "control system"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	20	3 and simulat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

09/510053   Mark Nixon

EAST SEARCH

3/29/03

Results of search set L40: (process control with simulat$) and "user interface"

Document Kind Codes: Title	Issue Date	Current OR
US 20030046663 A1 System and method for analyzing a graphical program using debugging graphical programs	20030306	717/125
US 20030046657 A1 Creating a graphical program to configure one or more switch devices	20030306	717/105
US 20030043175 A1 System and method for specifying a machine vision process using different programming methodol	20030306	345/700
US 20030038841 A1 System and method for specifying a computer-implemented process using different programming r	20030227	345/762
US 20030037322 A1 Graphically configuring program invocation relationships by creating or modifying links among prog	20030220	717/162
US 20030037316 A1 Configuration diagram with context sensitive connectivity	20030220	717/127
US 20030037135 A1 Process control bus monitoring and analysis	20030220	709/224
US 20030037119 A1 GRAPHICAL PROGRAMMING SYSTEM AND METHOD INCLUDING NODES FOR PROGRAMM	20030220	345/771
US 20030036876 A1 Network-based system for configuring a measurement system using configuration information gene	20030220	709/217
US 20030036875 A1 Network-based system for configuring a programmable hardware element in a measurement syste	20030220	702/127
US 20030036874 A1 Network-based system for configuring a measurement system using configuration information gene	20030220	702/123
US 20030036873 A1 Network-based system for configuring a measurement system using software programs generated	20030220	702/123
US 20030036871 A1 System and method for online specification of measurement hardware	20030220	702/119
US 20030035010 A1 Configuring graphical program nodes for remote execution	20030220	345/771
US 20030035009 A1 Creation of a graphical program through graphical association of a data point element with the gra	20030220	345/771
US 20030035008 A1 Method and apparatus for controlling an instrumentation system	20030220	345/771
US 20030035006 A1 Graphical association of a device icon with a graphical program	20030220	345/763
US 20030035005 A1 Graphically deployment of a program with automatic conversion of program type	20030220	345/763
US 20030035004 A1 System and method for deploying a graphical program to a PDA device	20030220	345/762
US 20030034998 A1 Graphical association of program icons	20030220	345/736
US 20030025730 A1 Method for defining look and feel of a user interface obviating the requirement to write programmin	20030206	345/760
US 20030023686 A1 Virtual consultant	20030130	709/205
US 20030018446 A1 Graphical program node for generating a measurement program	20030123	702/123
US 20030005180 A1 Measurements expert system and method for generating high-performance measurements softwar	20030102	709/328
US 20030005179 A1 System of measurements experts and method for generating high-performance measurements sof	20030102	709/328
US 20030004670 A1 Measurement system software architecture for easily creating high-performance measurement app	20030102	702/123
US 20030001896 A1 Measurement system graphical user interface for easily configuring measurement applications	20030102	345/771
US 20020196283 A1 System and method for creating a graphical program based on a pre-defined program process	20021226	345/763
US 20020196282 A1 Collector node for a graphical program	20021226	345/763

Patent Number	Title	Date	Class
US 20020191023 A1	System and method for graphically creating a sequence of motion control operations	20021219	345/771
US 20020188433 A1	Generic device simulator for process control	20021212	703/21
US 20020186245 A1	System and method for configuring a hardware device to execute a prototype	20021212	345/764
US 20020174264 A1	System and method for obtaining driver software and documentation for a detected hardware and s	20021121	709/321
US 20020152280 A1	Network system including data socket components for accessing internet semaphores	20021017	709/217
US 20020145629 A1	System and method for creating a graphical program including a plurality of portions to be executer	20021010	345/763
US 20020138590 A1	System and method and article of manufacture for creating a virtual university experience	20020926	709/218
US 20020129333 A1	System and method for programmatically generating a graphical program based on a sequence of	20020912	717/107
US 20020126151 A1	System and method for graphically creating a sequence of motion control, machine vision, and dat	20020912	345/771
US 20020119434 A1	System method and article of manufacture for creating chat rooms with multiple roles for multiple p	20020829	434/322
US 20020111783 A1	Simulation, measurement and/or control system and method with coordinated timing	20020815	703/13
US 20020109726 A1	System and method for accessing registers of a hardware device in a graphical program	20020815	345/771
US 20020109722 A1	System and method for performing type checking for hardware device nodes in a graphical prograr	20020815	345/763
US 20020070966 A1	System and method for automatically configuring a graphical program to publish or subscribe to da	20020613	345/763
US 20020089538 A1	System and method for programmatically generating a second graphical program based on a first g	20020711	345/763
US 20020067757 A1	Programmable modem apparatus for transmitting and receiving digital data, design method and us	20020606	375/130
US 20020083413 A1	System and method for programmatically generating a graphical program in response to a state dia	20020627	717/109
US 20020055947 A1	System and method for deploying a graphical program on an image acquisition device	20020509	715/500
US 20020082893 A1	Delivery system and method for vehicles and the like	20020627	705/8
US 20020049625 A1	Artificial intelligence manufacturing and design	20020425	705/9
US 20020022939 A1	Control program development support apparatus	20020221	702/123
US 20020010571 A1	Systems and methods for interactive virtual reality process control and simulation (IVRPCS)	20020124	703/21
US 20010051928 A1	Protection of software by personalization, and an arrangement, method, and system therefor	20011213	705/52
US 20010035879 A1	System and method for programmatically creating nodes in a graphical program with minimal graph	20011101	345/763
US 20010034881 A1	System and method for enhancing the readability of a graphical program	20011025	717/141
US 20010034879 A1	System and method for programmatically generating a graphical program in response to user input	20011025	717/100
US 20010024211 A1	System and method for programmatically modifying a graphical program in response to program in	20010927	345/763
US 20010020291 A1	System and method for programmatically generating a graphical program in response to program i	20010906	717/100
US 6535795 B1	Method for chemical addition utilizing adaptive optimization	20030318	700/266
US 6526566 B1	Graphical programming system and method including nodes for programmatically accessing data s	20030225	717/109
US 6518550 B1	System, controller, computer readable memory, and method for precise on-line control of heat tran:	20030211	219/497
US 6510353 B1	Determining tuning parameters for a process controller from a robustness map	20030121	700/37
US 6466995 B2	Messaging application layer over ethernet to transport layer (TCP) communications method and ap	20021015	710/11
US 6446055 B1	Process control	20020903	706/10
US 6445963 B1	Integrated advanced control blocks in process control systems	20020903	700/44
US 6425117 B1	System and method for performing optical proximity correction on the interface between optical pro	20020723	716/21
US 6410066 B1	Controller and method for administering and providing on-line handling of deviations in a continuou	20020625	426/231
US 6404437 B1	Nuclear reactor core performance data visualization system	20020611	345/473
US 6347254 B1	Process facility control systems using an efficient prediction form and methods of operating the sar	20020212	700/29
US 6307877 B1	Programmable modem apparatus for transmitting and receiving digital data, design method and us	20011023	375/130
US 6289299 B1	Systems and methods for interactive virtual reality process control and simulation	20010911	703/21
US 6268853 B1	Data structure for use in enterprise controls	20010731	700/83
US 6236626 B1	System for a modular terminal input/output interface for communicating messaging application laye	20010515	710/11

Patent Number	Title	Date	Class
US 6212566 B1	Interprocess communication protocol system modem	20010403	709/230
US 6161054 A	Cell control method and apparatus	20001212	700/121
US 6154215 A	Method and apparatus for maintaining multiple representations of a same scene in computer gene	20001128	345/418
US 6153860 A	System, controller, computer readable memory, and method for precise on-line control of heat tran:	20001128	219/497
US 6112126 A	Adaptive object-oriented optimization software system	20000829	700/29
US 6053736 A	Interactive training system for AWACS weapons directors	20000425	434/11
US 5992229 A	Method and equipment for determining the performance of control valve	19991130	73/168
US 5980096 A	Computer-based system, methods and graphical interface for information storage, modeling and st	19991109	707/100
US 5959617 A	Light pen input systems	19990928	345/182
US 5949682 A	Heated circuit assembly tester and method	19990907	700/121
US 5898860 A	System and method for automatically generating a control drawing for a real-time process control s	19990427	703/6
US 5872810 A	Programmable modem apparatus for transmitting and receiving digital data, design method and us	19990216	375/222
US 5838568 A	Heated circuit assembly tester and method	19981117	700/121
US 5818736 A	System and method for simulating signal flow through a logic block pattern of a real time process c	19981006	703/16
US 5789682 A	Circuit board assembly torsion tester and method	19980804	73/814
US 5752008 A	Real-time process control simulation method and apparatus	19980512	703/13
US 5736646 A	Circuit board assembly torsion tester and method	19980407	73/814
US 5699089 A	Central control for sequential-playback objects	19971216	345/823
US 5621670 A	Communication service simulator and a communication service specification verifying method	19970415	703/21
US 5567884 A	Circuit board assembly torsion tester and method	19961022	73/814
US 5545244 A	Control for glass forming machine	19960813	65/160
US 5446870 A	Spatially resolved stochastic simulation system	19950829	703/6
US 5418952 A	Parallel processor cell computer system	19950523	712/14
US 5408603 A	Global process control information system and method	19950418	345/763
US 5347449 A	Method for eliminating malfunctions, in particular in spinning machines	19940913	700/80
US 5204872 A	Control system for electric arc furnace	19930420	373/104
US 5202837 A	Material consolidation modeling and control system	19930413	700/98
US 5136717 A	Realtime systolic, multiple-instruction, single-data parallel computer system	19920804	712/16
US 5136497 A	Material consolidation modeling and control system	19920804	700/45
US 5058043 A	Batch process control using expert systems	19911015	700/167
US 4965743 A	Discrete event simulation tool for analysis of qualitative models of continuous processing system	19901023	706/45
US 4881230 A	Expert system for processing errors in a multiplex communications system	19891114	714/712
US 4873687 A	Failing resource manager in a multiplex communication system	19891010	714/4
US 4817092 A	Threshold alarms for processing errors in a multiplex communications system	19890328	714/10
US 20020070966 A	Graphical program configuration method in computer system, involves automatically configuring gr	20020613	
US 20010035879 A	Graphical program node configuration method for industrial automation applications, involves gene	20011101	
US 20010034879 A	Computer implemented graphical program generation method for industrial system, process contrc	20011025	
US 6243076 B	Eye gaze interaction system for controlling interface of host system, makes host system to perform	20000323	